

## Patent Abstracts of Japan

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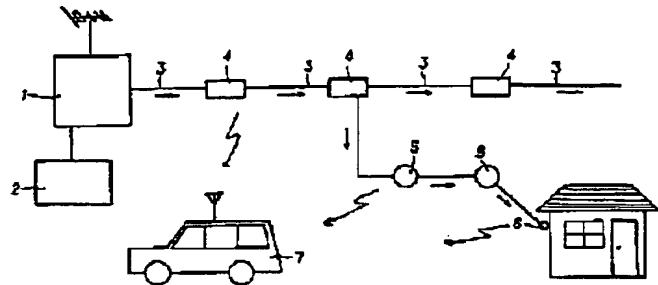
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APPLICATION DATE : 24-06-91  
 APPLICATION NUMBER : 03178708

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TITLE : METHOD OF LOCATING LEAKAGE OF  
RADIO WAVE

ABSTRACT : PURPOSE: To obtain a method of locating leakage of a radio wave which enables quick and exact location of leakage of the radio wave on a CATV transmission line in the maintenance and checkup of the transmission line.

CONSTITUTION: While a test signal is made to flow through a transmission line 3 connecting a head end 1 of a CATV station to a subscriber, a receiver 7 is moved along the transmission line 3, the test signal leaking from the transmission line 3 is received by the receiver 7 and thereby a place of leakage of a radio wave is estimated. Next, an estimated faulty part of the leakage is located finally by a near magnetic field probe. Since the place of leakage of the radio wave is estimated with the receiver moved along the transmission line, the leakage can be located quickly. Since the leakage is located by the test signal, in addition, mistake for another radio wave is prevented and the location is very exact.

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